

WHAT IS CLAIMED IS:

1. A golf club head comprising:

a golf club head body including a front side and a perimeter, a striking plate being adapted to be mounted to the front side of the golf club head body;

5 a perimeter wall extending rearward along the perimeter of the golf club head body and including a toe; and

at least one hole defined in the toe of the perimeter wall to reduce a weight of an upper part of the golf club head body and a weight of the toe, thereby shifting a center of gravity of the golf club head toward a heel of the  
10 golf club head body and thereby increasing an inertial moment of the golf club head.

2. The golf club head as claimed in claim 1, wherein said at least one hole is a through-hole.

3. The golf club head as claimed in claim 1, wherein said at least one  
15 hole is a blind hole having an opening in an outer face of the toe of the perimeter wall.

4. The golf club head as claimed in claim 1, further including a reinforcing block mounted in said at least one hole, the reinforcing block being made of a light material, the reinforcing block reinforcing a structural  
20 strength of said at least one hole and absorbing vibrations generate as a result of striking a golf ball.

5. The golf club head as claimed in claim 4, wherein the reinforcing

block is formed by one of heat pressing and injection molding.

6. The golf club head as claimed in claim 4, wherein the light material is selected from a group consisting of carbon fibers, resins, high molecular polymer materials, light alloys, and rubber.

5           7. The golf club head as claimed in claim 1, further including a reinforcing layer mounted to a back of the striking plate, the reinforcing layer being made of a light material, the reinforcing layer improving structural strength of the back of the striking plate and absorbing vibrations generated as a result of striking a golf ball.

10           8. The golf club head as claimed in claim 7, wherein the reinforcing layer is formed by one of heat pressing and injection molding.

            9. The golf club head as claimed in claim 7, wherein the light material is selected from a group consisting of carbon fibers, resins, high molecular polymer materials, light alloys, rubber, and adhesive composite powders  
15   thereof.

            10. The golf club head as claimed in claim 7, wherein the striking plate is engaged to the golf club head body by means of one of welding, brazing, insertion, pressing, and screwing, further including an engaging edge in a joint area between the back of the striking plate and an inner face of the  
20   perimeter wall, the reinforcing layer completely covering the engaging edge to absorb stress concentrated on the engaging edge during striking of a golf ball.

11. The golf club head as claimed in claim 10, wherein the inner face of the perimeter wall includes a groove contiguous to the engaging edge between the golf club head body and the striking plate, the groove receiving an edge of the reinforcing layer to improving bonding strength of the reinforcing layer.

12. The golf club head as claimed in claim 7, wherein the reinforcing layer has an extension extending rearward, the extension being tightly engaged with a bottom portion of an inner face of the perimeter wall.

13. The golf club head as claimed in claim 12, wherein the perimeter wall includes a flange extending inward from a rear end of the bottom portion of the inner face thereof, the flange preventing the reinforcing layer and the extension from peeling off.

14. The golf club head as claimed in claim 12, wherein the bottom of the perimeter wall includes a compartment, a weight member being received in the compartment and being buried and fixed by the extension of the reinforcing layer.

15. The golf club head as claimed in claim 1, wherein the perimeter wall includes a notch in a bottom thereof, a weight member being engaged in the notch.

16. The golf club head as claimed in claim 15, wherein the weight member includes a flange extending inward toward an opening delimited by the perimeter wall.